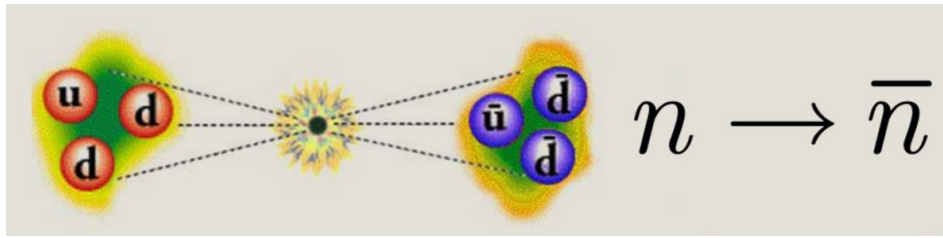


Theoretical Innovations for Future Experiments Regarding Baryon Number Violation, Part 1



Contribution ID: 23

Type: **Oral Presentation**

Possible Use Of Neutron Optics for Optimization of a Free Neutron-Antineutron Oscillation Search

Monday, August 3, 2020 1:30 PM (30 minutes)

Neutron-antineutron oscillations can survive sufficiently coherent interactions with matter and external fields without suppressing the oscillation rate. I describe some examples of this phenomenon which might find practical applications in the design of future experiments.

Contribution Title

Possible Use Of Neutron Optics for Optimization of a Free Neutron-Antineutron Oscillation Search

Primary author: SNOW, William (Indiana University)

Presenter: SNOW, William (Indiana University)